

# **SOUTH PRODUCTION NOTES**

**October 28, 2014**  
**Midnight Shift**

**BASF EMPLOYEES**  
**20 Last Recordable**  
**486 Last Lost Time**

## **#1 MED / AI-4190:**

Continue to run, and add wet mix into the mixer (about 5 shovel fulls in each batch) get dried samples to lab as soon as possible (end of each shift).

Extruder barrel has been pulled and taken to maintenance for liner change out by October 28.

Midnight shift: Continue, and keep adding wet mix (almost gone!) Barrel for bonnet extruder was returned to department and re-installed. Will need to know which auger to install for the next product (Si 1624).

Day shift: Auger was installed in bonnet. We will be running batches of AI-4190 through the bonnet extruder as a test under the direction of Kristen when she says go.

Afternoon shift: No change, continue using welding engineer until engineer switches to bonnet extruder (maybe on Tuesday).

## **#1 RC / Clean for SI-1624:**

Need to run AL sand flush through the calciner utilizing a 16 mesh screen.

Midnight shift: No activity, was advised sand ran through Sunday afternoon

Day shift: No activity.

Afternoon shift: No change

## **#2 MED line / Cu-0860:**

Continue on after the north motor issue has been resolved . Maintenance will be working on the paddle in the meantime.

Midnight shift: MED still down (spiral motor). Need to determine length of time this will be down, and/or if it makes sense to shut down or lower temps on the calciner until spiral is repaired and MED line is back.

Day Shift: Down. The current decision is to wait until the isolators arrive in a couple of weeks. Kirk will be relocating the gas valves on the dryer on Wednesday / Thursday.

Afternoon Shift: No change

## **#2 RC/ Cu 0860:**

Continue On.

Midnight shift: Will be out of feed by day shift (there is one bag in red zone on 2<sup>nd</sup> floor, but it is labelled "keep separate"...not feeding that bag at this time until we know what it is).

Day Shift: Down. No feed.

Afternoon Shift: No feed

**Exhaust to F1**

### **#3 MED line / Clean for D-1708 Base:**

Begin cleanup for the D-1708 Base. Startup is approximately the first week of November. John will also be providing cleanout instructions.

Midnight shift: Vac-u-max cartridges were pulled and reinstalled (several were not connected properly). Also, the extruder auger was pulled and barrel sent to maintenance for new liner.

Day Shift: No Activity. Liner for barrel should be installed by Friday. Initial start up of the D-1708 probably will be Monday, November 3. **Waiting for clean-up instructions.**

Afternoon Shift: No change

### **7 Tank AMT:**

Keep between 25 and 35. Make sure AMT tank is made up as needed

Midnight Shift: Continued to monitor tank. There is a work order written for replacing the air transfer pump (pumping very slowly and erratically). Also, a work order was submitted for inspecting/cleaning the in-line flow meter.

Day Shift: Lucas has fixed the Tank 7 issues - OK

Afternoon shift: Continue

### **Old Pfaudler / D-1795:**

Continue. NEED 4 BATCHES PER DAY. Make sure D 1794 raws are brought to the 3<sup>rd</sup> floor as needed

Midnight Shift: Continue On. There is more D 1794 base in dock #2 east of building 31.

Day Shift: No activity due to Tank 7 issues.

Afternoon shift: Continue

### **#3 Dryer/ D-1795:**

Continue to feed buggies as they become available. Keep pipeline full, and move D 1794 base to 3<sup>rd</sup> floor when it arrives by truck trailer

Midnight Shift: Continue On. Totes can feed at 10:00 am

Day shift: Continue On.

Afternoon Shift: Continue

### **#3 RC / D-1795:**

Continue on. Keep feed rate @ 625 Lbs/Hr. Current syntron settings are at 1.5 "on", 4.5 "off", and 10% vibration.

Midnight shift: Continue On.

Day shift: Continue On.

Afternoon Shift: Continue

**Exhaust to CTO**

### **New Pfaudler / Zr-0405:**

Continue on.

**Midnight shift:** Started batch #5 on shift. Brought down more bags of Zr-00404 from the tunnel kiln building (there were 17 bags total – 16 full, 1 partial). After tonight's batch, there should be 10 full bags and the 1 partial bag remaining (6 bags are here in building 31 1<sup>st</sup> floor, the last 5 are still in tunnel kiln building)

**Day shift:** Continue On cooling. We are able to unload on 2<sup>nd</sup> shift and start the next batch. We will be using all the raws which will correlate to 2 more batches.

**Afternoon Shift:** Continue

### **#4 RC / Zr 0405:**

**Start up**

**Midnight Shift:** Calciner supposedly ready as it is up to temp. However, there was a large amount of powder still in the 4B DC line to the Haz drum on first floor, which then turned into 2-3 drums and a mess (cleaned up). The 4B DC was opened and confirmed empty. Still have a little bit of debris in the screener, and at the bottom of the spiral. Also, the bagging station needs to be set up.

**Day shift:** Spiral elevator has been cleaned and ran for at least an hour to shake up any additional debris. Screener was checked for correct screens. Begin feeding on afternoon shift.

**Afternoon Shift:** Continue feeding

**Exhaust to Trimer**

### **6 Tank /D-5253**

We will be making the AMT solution on Monday, October 27 and rinsing the line from the tank to the new pfaudler once the Zr-0405 run is complete

**Midnight Shift:** No activity

**Day Shift:** Tank has been filled with distilled water. We will add the powder on day shift Tuesday.

**Afternoon shift:** No activity, see day shift note

### **National Dryer: D-5253**

Soda blasting is complete. Justin plans to run an experiment to try and dissolve the residue on the belt. Schirmer tentatively slated to spray caustic on the belt and rinse by Friday, October 31.

**Midnight Shift:** No activity

**Day shift:** No activity. Discussed Dryer cleaning with Justin and Schirmer.

**Afternoon Shift:** No activity

### **#5 RC / Cu-3818:**

Vac-u-max was repositioned and restarted. It has been running pretty well.

**Midnight Shift:** Continue on.



Day shift: Continue on.  
Afternoon shift: Continue

### **Exhaust to 5A DC**

#### **PK Blender/Al Na Selexorb:**

Maintenance performed sheave change and dps are much better/in range. Do not blow down the dust collector. Do not make batches if the DP on the dust collector is not in range. Be sure to clean the dust collector clean out ports.

Midnight Shift: Running when manpower permits

Day shift: No activity – no manpower – we need to put 2 rows of cartridges back into the dust collector.

Afternoon shift: 2 rows added as described above. Making batch late in shift.

#### **Abbe Blender / 5206:**

**ONLY run Abbe on off shifts and weekends.** (Need approx. 66 more batches)

Midnight shift: Everything is full, and cannot feed #6 until Sly scrubber belts repaired.

Day shift: No activity

Afternoon Shift: No activity

#### **#6 RC / D-5206**

Sly scrubber repairs needed again

Midnight shift: Everything is full, and cannot feed #6 until Sly scrubber belts repaired.

Day Shift: Sly scrubber was repaired late in the shift. In the process of getting dryer up to temperature and begin feeding.

Afternoon shift: Feeding buggies, may bring Sly down Tuesday for exhaust line valve install.

### **Exhaust to Sly Scrubber**

#### **Tower 3/Cu 0860:**

Loaded and running. E-474 will be next after the Cu-0860 has been exhausted.

Midnight Shift: Tower down, waiting for N2 line space. Screener operator emptied a tote around 4:30 am and will pull a fresh tote from the N2 wall. Tower will be unloaded, will need to reload on day shift.

Day shift: Loaded tower (lot 310). Sheave change required Wednesday?

Afternoon shift: Continue

#### **Tower 6 / Cu 0860:**

Continue. DPT-101 will be next after the Cu-0860 has been exhausted.

Midnight Shift: Continue on.

Day shift: Continue on.

Afternoon shift: Should be down soon, but waiting on N2 line space to unload

**North Screener / Cu 0860:**

Continue to run.  
Midnight shift: Continue  
Day shift: Continue on.  
Afternoon shift: Continue

**South Screener / Cu 0860:**

Continue to run  
Midnight shift: Continue  
Day shift: Continue on.  
Afternoon Shift: Continue

**#2662 (west) Pill Machine / Al-3915 T 5/32:**

Midnight shift: Continue with re-assembly  
Day Shift:  
Afternoon shift: Continue with re-assembly

**#2664 (east) Pill Machine / Al-3915 T 5/32:**

Midnight shift: Continue  
Day shift: Continue on.  
Afternoon shift: Continue

**TK #2 / V-2046 done, V 2045 next after Cu 0540 done:**

Down and done with V 2046, V 2045 next (See TK #4 info)  
Midnight shift: Down  
Day Shift: Down  
Afternoon shift: Down

**TK #4 / Cu 0540:**

Continue loading.  
Midnight shift: Continue, down to last ½ bin to feed. Need to verify with engineers if more material available to feed (estimate that 17 bags will be filled which is a little over 20,000 lbs – need 24,000 lbs for the order). Email sent to engineers and production team asking for guidance on if/when we can use next Lot (77).  
Day Shift: Continue On. Cu-0537 lot 77 bags-7 have been released and can be fed into the tunnel kiln. This should be the end of the run.  
Afternoon shift: Continue

### **Harrop Kiln / AL-4190:**

**Continue to load and unload and assist screener operator.**

**Midnight shift: Continued loading/unloading the AL-4190.**

**Day Shift: Continue on.**

**Afternoon shift: Continue**

### **Building 27 Belt Filter / Cu 6081:**

**Continue of strikes – Note: use 120 bags instead of 116. Please fill bags to 1200# and ensure bags are clean of powder on the outside of them and the pallets as they have to be transported down the street.**

**Midnight shift: No activity through weekend, will restart probably later on Monday.**

**Day shift: No activity – plenty of raws staged. We will not be starting up until 2<sup>nd</sup> shift Tuesday and running for 6 consecutive shifts. It is vital that raws are continually staged and the copper nitrate totes are filled by the North End.**

**Afternoon Shift: See above**

Priorities 1 through 10 are basically all the same priority, should be considered urgent and will require call outs for maint issues and/or processing issues.

- 1) East Pfaudler/#3 P&S Dryer/#3RC/CTO
- 2) West Pfaudler/#4RC
- 3) Reduction Towers
- 4) Reduction Tower Screeners
- 5) #1 Line
- 6) #4 Tunnel Kiln
- 7) #5 RC
- 8) #2 Line/#2RC
- 9) South PK
- 10) Horne Tableting
- 11) South Precip
- 12) Abbe/#6RC
- 13) Warehouse - Touch up paint on Cu-0860 ERL green drums

